

Find the Inverse

1/ $f(x) = 3x - 7$
 $y = 3x - 7$
 $x = 3y - 7$
 $\frac{x+7}{3} = \frac{3y}{3}$
 $y = \frac{x+7}{3}$
 $f^{-1}(x) = \frac{x+7}{3}$

2/ $g(x) = \frac{4x-1}{3}$
 $y = \frac{4x-1}{3}$
 $(3)x = \frac{4x-1}{3} (x)$
 $3x = 4x - 1$
 $\frac{3x+1}{4} = \frac{4x}{4}$
 $y = \frac{3x+1}{4}$
 $f^{-1}(x) = \frac{3x+1}{4}$

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HW

① Sketch and fill out Absolute Value sheets

② Sign Interim.

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